

ABSTRACT OF THE DISCLOSURE

The present invention is a radiographic sensor positioning system. In particular, the present invention is directed to a system for positioning a digital dental radiographic sensor in a patient's mouth and for positioning a radiographic device, e.g. a gamma ray source, to interact with the sensor. A preferred embodiment of the dental radiography positioning system comprises an aimer ring that slides onto either a posterior imaging or an anterior imaging bar. The posterior imaging bar is preferably T-shaped and has a posterior aimer ring bar and a posterior imaging platform for mounting a posterior sensor holder. The posterior sensor holder has a tab for mounting it to the posterior imaging platform. The anterior imaging bar has an anterior aimer ring bar and an anterior imaging platform for mounting an anterior sensor holder. The anterior sensor holder has two arms for mounting it to the anterior imaging platform.